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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

 Attorney Docket No. 42P19177  
(maximum 12 characters) First Named Inventor Edoardo Campini et al.Title: ATCA INTEGRATED HEATSINK AND CORE POWER DISTRIBUTION MECHANISM Express Mail Label No. EV320117704US22386 U.S.P.T.O.  
10/813931  
033104

**ADDRESS TO:** Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.  **Specification (Total Pages 29)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  **Drawings(s) (35 USC 113) (Total Sheets 8)**
5.  **Oath or Declaration (Total Pages   )**
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  **Application Data Sheet. (37 CFR 1.76)**
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))

10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney

11.  English Translation Document (if applicable)

12.  a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)  
 b. Copies of IDS Citations

13.  Preliminary Amendment

14.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17A.  Claim for Foreign Priority

17B.  Other: Certificate of mailing with copy of postcard signed by attorney and express mail label number.

17C.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_ (List entire chain of priority)

**Applicant(s):** Also include a Preliminary Amendment to amend the specification to claim priority.  
**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. **Correspondence Address**  
 Customer Number or Bar Code Label \_\_\_\_\_  
here)      or      (Insert Customer No. or Attach Bar Code Label  
 Correspondence Address Below  
NAME R. Alan Burnett  
ADDRESS BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard  
Seventh Floor  
CITY Los Angeles STATE California ZIP CODE 90025  
Country U.S.A. TELEPHONE (206) 292-8600 FAX (206) 292-8606

Name (PRINT/TYPE): R. Alan Burnett Registration No.: 46,149  
Signature: R. Alan Burnett Date: March 26, 2004

# FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

**TOTAL AMOUNT OF PAYMENT (\$)** 950

Complete If Known:

Application No. New Patent Application  
 Filing Date Herewith  
 First Named Inventor Edoardo Campini et al.  
 Examiner Name Not Yet Assigned  
 Art Unit Not Yet Assigned  
 Attorney Docket No. 42P19177

Applicant claims small entity status. See 37 CFR 1.27.

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description		
Fee	Fee	Fee		
Code	Code	(\$)		
1001	770	2001	385	Utility application filing fee
1002	340	2002	170	Design application filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional application filing fee

Fee Paid

770

SUBTOTAL (1) \$ 770

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
30	3		- 20** = 10	X 18	= 180
			- 3** = 0	X 86	= 0

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description		
Fee	Fee	Fee		
Code	Code	(\$)		
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 180

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<b><u>Large Entity</u></b>	<b><u>Small Entity</u></b>	<b><u>Fee Description</u></b>	<b><u>Fee Paid</u></b>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1813	8,800	1813	8,800
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1814	110	2814	55
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
1504	300	1504	300
1505	300	1505	300
1803	130	1803	130
1808	130	1808	130
1454	1,330	1454	1,330

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: R. Alan Burnett

Signature: R. Alan Burnett Date: March 81, 2004

Reg. Number: 46,149 Telephone Number: (206) 292-8600

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## ATCA INTEGRATED HEATSINK AND CORE POWER DISTRIBUTION MECHANISM

Inventors: Edoardo Campini, William F. Handley, Mark D. Summers, Jaiver Leija

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN LLP

*R. Alan Burnett*

R. Alan Burnett

Reg. No. 46,149

"Express Mail" mailing label number: EV320117704USDate of Deposit: March 31, 2004

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

*Luci M. Arevalo*

(Typed or printed name of person mailing paper or fee)

*03-31-04*

(Signature of person mailing paper or fee)

(Date signed)

Serial/Patent No.: New Patent Application Filing/Issue Date: Herewith  
 Client: Intel Corporation  
 Title: ATCA INTEGRATED HEATSINK AND CORE POWER DISTRIBUTION MECHANISM

BSTZ File No.: 42P19177  
 Date Mailed: March 31, 2004

Atty/Secty Initials: BAB/lmaDocket Due Date: \*\*\*\*

The following has been received in the U.S. Patent &amp; Trademark Office on the date stamped hereon.

Amendment/Response (\_\_\_\_ pgs.)  Express Mail No. EV320117704US  Check No. 3454  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  Month(s) Extension of Time  Amt. \$950  
 Application - Utility (\_\_\_\_ pgs., with cover and abstract)  Information Disclosure Statement & PTO-1449 (\_\_\_\_ pgs.)  Check No. 6644  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)  Issue Fee Transmittal  Amt.  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)  Notice of Appeal  Amt.  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)  Petition for Extension of Time  Amt.  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)  Petition for \_\_\_\_\_  
 Application - Design (\_\_\_\_ pgs.)  Postcard  Amt.  
 Application - PCT (\_\_\_\_ pgs.)  Power of Attorney (\_\_\_\_ pgs.)  Amt.  
 Application - Provisional (\_\_\_\_ pgs.)  Preliminary Amendment (\_\_\_\_ pgs.)  Amt.  
 Assignment and Cover Sheet  Reply Brief (\_\_\_\_ pgs.)  Amt.  
 Certificate of Mailing  Response to Notice of Missing Parts  Amt.  
 Declaration & POA (\_\_\_\_ pgs.)  Small Entity Declaration for Indep. Inventor/Small Business  
 Disclosure Docs & Orig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)  Transmittal Letter, in duplicate  Amt.  
 Drawings: 8 # of sheets includes 9 figures  Fee Transmittal, in duplicate  Amt.

Other: Certificate of mailing with copy of return postcard signed by attorney